

AMENDMENTS TO THE DESCRIPTION OF FIGURES

On Page 13 Line 6, please amend the text as follows:

Figure 1 shows a schematic diagram of SNP detection using the INVADER assay in a biplex format that includes INVADER oligonucleotides , probe oligonucleotides and FRET cassettes for detecting a two different alleles (*e.g.*, differing by a single nucleotide) in a single reaction.

AMENDMENTS TO THE SPECIFICATION

On page 78, please replace the tables with the following amended tables:

CASSETTE TABLE

*10 probe 2, *6 probe 1, *4 probe 1, *3 probe 1, *2-2850 probe 2, *2-4180 probe 1, *18 probe 1, *11 probe 1, *35 probe 2, *33 probe 2, *37 probe 2	FRET 6, Red/Z28, (931-74-10)	Y-tct-X-tcg-gcc-ttt-tgg-ccg-a ga-gac-ctc-ggc-gcg- hex (SEQ ID NO:528)
*10 probe 1, *6 probe 2, *4 probe 2, *3 probe 2, *2-2850 probe 1, *2-4180 probe 2, *18 probe 2, *11 probe2, *35 probe 1, *33 probe 1, *37 probe 1	FRET 7, FAM/Z28, (931-74-02)	Y-tct-X-agc-cgg-ttt-tcc-ggc-t ga-gag-tct-gcc-acg-tca-t- hex (SEQ ID NO:262)

CYP 2D6 copy number

ACTIN PRIMARY PROBE	FRET 16, FAM/Z28, (931-74-09) & (1055-48-08)	Y-tct-X-agc-cgg-ttt-tcc-ggc-t ga-gac-ctc-ggc-gcg- hex (SEQ ID NO:242)
2D6 PRIMARY PROBE	FRET 13, Red/Z28, (1109-20-01)	Y-tct-X-tcg-gcc-ttt-tgg-ccg-a ga-gac-tcc-gcg-tcc-gt- hex (SEQ ID NO:529)

Y is FAM or RED

X is Z28

hex is hexane

Please insert the attached Sequence Listing as new pages --91-198--

DRAWING AMENDMENTS

Please replace Figure 1, Figure 2, Figures 5A and 5B, Figure 14, and Figure 15 filed July 10, 2003 with the attached Figure 1, Figure 2, Figures 5A and 5B, Figure 14, and Figure 15.